



Product Evaluation

DR816 | 0117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-816

Effective Date: January 1, 2017

Re-evaluation Date: May 2019

Product Name: Series O/XO 6'-8" Gliding Fiberglass Patio Door Sliding Glass Door with Field Mullion, Impact Resistant

Manufacturer: Nan Ya Plastics Corporation USA
8989 North Loop East
Houston, TX 77029
(713) 674-7822

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series O/XO Gliding Fiberglass Patio Door Sliding Door w/ Field Mullion Impact (O/XO)	R-PG50 110 X 83-SD Missile Level D	+50 / -50 psf

Product Dimensions - Doors:

System	Overall Size	Gliding Door Panel Size	Sidelite Panel Size	Maximum Daylight Opening Size
1	110-3/8" x 82-1/2"	35.75" x 79.59"	35.75" x 79.59"	Doors: 26-1/4" x 66" Sidelite: 26-1/4" x 66"

Hardware and Components:

System	Component	Quantity	Attachment Method
1	Single Locking System by Micota Tech – SH721 Series	1	Install hardware and components in accordance with Nan-Ya Plastics Corporation USA Drawings No. 08-02814 Rev A, dated September 16, 2015, signed & sealed by Luis R. Lomas P.E. on October 13, 2016.
	Lock Keeper by Micota Tech - SS717 Series	1	
	Gliding Handle by Micota Tech – SH720 Series	1	
	Anti-Lift Stopper by Micota Tech - SS716 Series	1	

Product Identification (Certification Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Nan-Ya Corporation USA
	Product Name	Series O/XO Fiberglass Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; CSA A440 S1-09; ASTM E1886-05; ASTM E1996-05/09; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Acceptable Configurations: The following configurations are acceptable: X, O/XO, O/OX, OX, XO.

Installation:

System		
1	Type of Installation	Install door and sidelites in accordance with Nan-Ya Plastics Corporation USA Drawings No. 08-02814 Rev A, dated September 16, 2015, signed & sealed by Luis R. Lomas P.E. on October 13, 2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.